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Office of Emergency Management

## ***EXECUTIVE SERVICES/EMERGENCY MANAGEMENT***

### ***ISSUES AND PRIORITIES***

#### ***Mission***

##### **Office of Emergency Management**

To provide leadership and high quality services that improves the safety of the public of King County.

The Office of Emergency Management (OEM) in the Department of Executive Services is composed of two distinct programs: Emergency Management and the Enhanced-911 Program (E-911). These two programs ensure the public expedient, reliable access to emergency services, and promote disaster resistant communities by providing emergency management programs through partnerships and excellence in service throughout King County and the region.

The Emergency Management Program works to minimize the impact of emergencies and disasters to the community through coordinated planning, information sharing, and resource management between federal and state entities, county government departments, and local partner jurisdictions and agencies. The program supports the efforts of first responders during emergencies and facilitates unity of effort among impacted jurisdictions from the county's Emergency Coordination Center (ECC). Emergency Management provides direct emergency support to unincorporated King County and works with regional partners to develop countywide strategies for coordinated response and recovery.

In 2010, the Emergency Management Program will maintain its focus on an all-hazards approach to disaster planning, with particular emphasis on flood preparation and response efforts. Most notably, OEM will plan for impacts from a potential release of water flows from the Howard Hanson Dam into the Green River during heavy rainfall events as a result of recently discovered damage to this federally operated dam. In light of the emergent threat of flooding on the Green River, the General Fund allocation to Emergency Management was not reduced in 2010, in order to maintain adequate resources for planning and disaster response and to leverage grant funded resources.

The E-911 Office administers the county-wide E-911 emergency telephone system. The main goal of this program is to maintain effective operation of the E-911 system to ensure that enhanced 911 services are provided to the public, regardless of the technology used to make and transmit the 911 call. Funding for this program is provided through a dedicated telephone excise tax which is collected and distributed by E-911. The program also manages various systems and service contracts that allow emergency telecommunications services to be provided throughout King County, and leads policy and technical processes to maintain the E-911 system at the highest possible standard to meet the needs of the public.

In 2010, the E-911 Office will complete the E-911 Equipment Upgrade project. The project is 80 percent complete and when finished will improve the backroom equipment at the public safety answering points (PSAPs) in preparation for the upgrade of the E-911 network to internet protocol (IP) telephony. The equipment is adaptable to the various technologies that could be used to report emergencies in the Next Generation 911 environment, such as Voice-Over IP (VoIP), Wireless, Short Message Service (SMS), and e-mail. The receipt of data in the form of pictures, video, and Automatic Collision Notification information will also be possible.

In addition, the E-911 Program Office will continue to work with the wireless carriers to improve the quality of Wireless 911 service, and will continue working with the 12 public safety answering points to improve the 911 call answering standard throughout the county.

**2010 Proposed Budget for Office of Emergency  
Management 0010/0401**

Code	Item Description	Expenditures	FTEs *	TLTs
<b>Program Area</b>				
<b>LSJ</b>				
	2009 Adopted	1,254,350	4.00	0.00
	Status Quo**	176,549	0.00	0.00
	<b>Status Quo Budget</b>	<b>1,430,899</b>	<b>4.00</b>	<b>0.00</b>
	<b>Contra Add Back</b>	<b>43,078</b>		
<b>Operational Shutdown Savings</b>				
CR45	Operational Shutdown Savings Contra	(11,147)	0.00	0.00
		<b>(11,147)</b>	<b>0.00</b>	<b>0.00</b>
<b>Technical Adjustments</b>				
TA01	IFPTE Local 17 Labor Settlement	20,440	0.00	0.00
CR01	Flexible Benefits	(2,256)	0.00	0.00
CR07	Technology Services Operations & Maintenance Charge	(115,157)	0.00	0.00
CR08	Technology Services Infrastructure Charge	(872)	0.00	0.00
CR09	Geographic Information Systems Charge	(438)	0.00	0.00
CR10	Office of Information Resource Mgmt Ops Charge/Rebate	(1,546)	0.00	0.00
CR11	Telecommunications Services	(28,958)	0.00	0.00
CR12	Telecommunications Overhead	(17,873)	0.00	0.00
CR14	Facilities Management Space Charge	(8,769)	0.00	0.00
CR16	Radio Access	(242)	0.00	0.00
CR17	Radio Maintenance	(718)	0.00	0.00
CR18	Radio Direct Charges	(1,880)	0.00	0.00
CR19	Radio Reserve Program	(452)	0.00	0.00
CR25	Financial Services Charge	(39,242)	0.00	0.00
CR26	Retirement Rate Adjustment	(8,710)	0.00	0.00
CR27	Industrial Insurance Rate Adjustment	(43)	0.00	0.00
CR35	Underexpenditure Contra	2,497	0.00	0.00
CR37	Facilities Management Strategic Initiative	14	0.00	0.00
CR39	COLA Adjustment	(175)	0.00	0.00
CR40	Merit Adjustment	(213)	0.00	0.00
CR44	DES LAN Administration Costs	58,131	0.00	0.00
CR46	Countywide Strategic Technology Projects	(575)	0.00	0.00
		<b>(147,037)</b>	<b>0.00</b>	<b>0.00</b>
<b>Total Change Items in 2010</b>		<b>(158,184)</b>	<b>0.00</b>	<b>0.00</b>
<b>2010 Proposed Budget</b>		<b>1,315,793</b>	<b>4.00</b>	<b>0.00</b>

\* FTEs do not include temporaries or overtime.

\*\* This includes 2009 adopted, initial status quo, and proposed status quo increments. Under FTEs, annualization is included.

\*\*\* Please see Budget Transparency Section table at the end of the program plan pages for section information as identified in the Budget Transparency Ordinance No. 16445.

**Office of Emergency Management**

## ***PROGRAM HIGHLIGHTS***

### **Emergency Management**

The 2010 Executive Proposed Budget for the Office of Emergency Management (OEM) is \$1,315,793. The 2010 staffing level is 4.00 FTEs.

### **Operational Shutdown Savings**

**Operational Shutdown Savings Contra – (\$11,147).** In the face of the severe fiscal challenges across all county funds, the 2010 Executive Proposed Budget includes savings assumptions in an effort to preserve direct services. For 2009, savings were achieved through the implementation of a ten-day building and/or operational closure program, resulting in labor furloughs. The 2010 budget is balanced across all funds assuming that a similar level of savings will be achieved in each agency based on the furlough eligible employees as was adopted for 2009, including 2009 County Council amendments. The specific details of the 2010 plan are still under development, and discussions with labor unions and individual agencies are on-going. Specific plans describing how the 2010 savings will be achieved will be transmitted to the County Council in the coming weeks. To the extent that savings, from labor or other expenses, cannot be fully achieved through temporary and short term building and/or operational closures, the plan will describe additional programmatic reductions and the elimination of additional positions.

### **Technical Adjustments**

**IFPTE Local 17 Labor Settlement – \$20,440.** This proposal funds 2010 costs for the International Federation of Professional and Technical Engineers, Local 17 labor contract settlement. The three year contract includes a one range increase and is effective through March 31<sup>st</sup> 2011.

**Central Rate Adjustment – (\$167,477).** This series of adjustments captures the net effect of countywide charges and results in a \$167,477 reduction in charges to OEM. These reductions reflect efficiencies created by Executive agencies to reduce the cost of services they provide to other county agencies. These changes reflect the County Executive's commitment to creating an efficient government and making administrative reductions before direct service reductions. The efforts of central rate agencies to reduce costs are integral to the County Executive's strategy to address the General Fund deficit, and benefit all county agencies.

## 2010 Proposed Budget for Enhanced-911 1110/0431

Code	Item	Description	Expenditures	FTEs *	TLTs
<b>Program Area</b>					
<b>LSJ</b>					
		2009 Adopted	21,989,705	11.00	0.00
		Status Quo**	(3,137,444)	0.00	0.00
		<b>Status Quo Budget</b>	<b>18,852,261</b>	<b>11.00</b>	<b>0.00</b>
		Contra Add Back	0		
<b>Change in County Policy</b>					
CS10		IT Reorganization	6,000	0.00	0.00
			<b>6,000</b>	<b>0.00</b>	<b>0.00</b>
<b>Enhanced Policy Support</b>					
RB01		PSAP Revenue Distribution	4,630,995	0.00	0.00
			<b>4,630,995</b>	<b>0.00</b>	<b>0.00</b>
<b>Operational Shutdown Savings</b>					
CR45		Operational Shutdown Savings Contra	(35,859)	0.00	0.00
			<b>(35,859)</b>	<b>0.00</b>	<b>0.00</b>
<b>Technical Adjustments</b>					
TA01		Technical Adjustments	1,188,278	0.00	0.00
TA50		Revenue Adjustment	0	0.00	0.00
CR01		Flexible Benefits	(6,204)	0.00	0.00
CR05		General Fund Overhead Cost Allocation	(6,252)	0.00	0.00
CR07		Technology Services Operations & Maintenance Charge	(23,864)	0.00	0.00
CR08		Technology Services Infrastructure Charge	2,188	0.00	0.00
CR09		Geographic Information Systems Charge	(18,678)	0.00	0.00
CR10		Office of Information Resource Mgmt Ops Charge/Rebate	(867)	0.00	0.00
CR11		Telecommunications Services	(26)	0.00	0.00
CR12		Telecommunications Overhead	(229)	0.00	0.00
CR13		Motor Pool Usage Charge	1,729	0.00	0.00
CR16		Radio Access	(40)	0.00	0.00
CR17		Radio Maintenance	28	0.00	0.00
CR18		Radio Direct Charges	1,521	0.00	0.00
CR25		Financial Services Charge	(11,578)	0.00	0.00
CR26		Retirement Rate Adjustment	(23,684)	0.00	0.00
CR27		Industrial Insurance Rate Adjustment	(99)	0.00	0.00
CR30		Printing Loan Recovery	(32,615)	0.00	0.00
CR37		Facilities Management Strategic Initiative	58	0.00	0.00
CR39		COLA Adjustment	(477)	0.00	0.00
CR40		Merit Adjustment	(580)	0.00	0.00
CR44		DES LAN Administration Costs	11,626	0.00	0.00
CR46		Countywide Strategic Technology Projects	(1,847)	0.00	0.00
			<b>1,078,388</b>	<b>0.00</b>	<b>0.00</b>
		<b>Total Change Items in 2010</b>	<b>5,679,524</b>	<b>0.00</b>	<b>0.00</b>
		<b>2010 Proposed Budget</b>	<b>24,531,785</b>	<b>11.00</b>	<b>0.00</b>

\* FTEs do not include temporaries or overtime.

\*\* This includes 2009 adopted, initial status quo, and proposed status quo increments. Under FTEs, annualization is included.

\*\*\* Please see Budget Transparency Section table at the end of the program plan pages for section information as identified in the Budget Transparency Ordinance No. 16445.

**Enhanced-911**

**Department of Executive Services  
Office of Emergency Management  
Enhanced-911**

The 2010 Executive Proposed Budget for Enhanced-911 (E-911) is \$24,531,785. The 2010 staffing level is 11.00 FTEs.

**Change in County Policy**

**IT Reorganization – \$6,000.** This change moves four IT staff to a separate budgetary org unit as dictated by the Office of Information and Resource Management Strategic Plan and adds \$6,000 for IT training.

**Enhanced Policy Support**

**E-911 PSAP Revenue Distribution – \$4,630,995.** This request represents the annual adjustment to PSAP revenue distribution for 2010. Total PSAP distribution for 2010 will be approximately \$10.9 million, and will be targeted for use in the following 4 areas:

- \$5.0 million for operational support in handling 911 calls from wire line and wireless callers.
- \$2.0 million to fund positions for help with GIS CAD support and IT systems specialized help.
- \$2.5 million in assistance to prepare for Next Generation technology.
- \$1.4 million for equipment support as defined in the State administrative code (WAC).

**Operational Shutdown Savings**

**Operational Shutdown Savings Contra – (\$35,859).** In the face of the severe fiscal challenges across all county funds, the 2010 Executive Proposed Budget includes savings assumptions in an effort to preserve direct services. For 2009, savings were achieved through the implementation of a ten-day building and/or operational closure program, resulting in labor furloughs. The 2010 budget is balanced across all funds assuming that a similar level of savings will be achieved in each agency based on the furlough eligible employees as was adopted for 2009, including 2009 County Council amendments. The specific details of the 2010 plan are still under development, and discussions with labor unions and individual agencies are on-going. Specific plans describing how the 2010 savings will be achieved will be transmitted to the County Council in the coming weeks. To the extent that savings, from labor or other expenses, cannot be fully achieved through temporary and short term building and/or operational closures, the plan will describe additional programmatic reductions and the elimination of additional positions.

**Technical Adjustments**

**Technical Adjustments – \$1,188,278.** This request funds ongoing increased operational costs for new IT equipment. The new technology is costlier to maintain, and part of the funding represents maintenance contracts with Qwest. The bulk of the work provided is for hardware and software maintenance, as well as preventative maintenance for the equipment.

**Central Rate Adjustment – (\$109,890).** This series of adjustments captures the net effect of countywide charges and results in a \$109,890 reduction in charges to E-911. These reductions reflect efficiencies created by Executive agencies to reduce the cost of services they provide to other county agencies. These changes reflect the County Executive's commitment to creating an efficient government and making administrative reductions before direct service reductions. The efforts of central rate agencies to reduce costs are integral to the County Executive's strategy to address the General Fund deficit, and benefit all county agencies.

# E-911 / 1110

	2008 Actual <sup>1</sup>	2009 Adopted	2009 Estimated <sup>2</sup>	2010 Proposed	2011 Projected <sup>3</sup>	2012 Projected <sup>3</sup>
Beginning Fund Balance	\$ 16,879,967	\$ 12,598,668	\$ 19,073,206	\$ 11,074,895	\$ 4,662,079	\$ 1,328,865
<b>Revenues</b>						
*E-911 Telephone Excise Tax <sup>4</sup>	5,612,605	5,765,736	5,163,597	4,750,512	4,370,471	4,020,833
*Cellular 911 Excise Tax <sup>4</sup>	10,035,322	10,409,384	10,737,795	11,489,442	12,293,703	13,154,262
*VoIP 911 Excise Tax <sup>5</sup>	467,362	-	981,378	1,099,140	1,231,037	1,378,761
*Investment Interest <sup>6</sup>	371,718	524,883	330,712	251,417	295,271	426,739
*Other Interfund-Emergency Comm Sys	528,458	317,074	528,458	528,458	528,458	528,458
<b>Total Revenues</b>	<b>17,015,465</b>	<b>17,017,077</b>	<b>17,741,940</b>	<b>18,118,969</b>	<b>18,718,940</b>	<b>19,509,053</b>
<b>Expenditures</b>						
*Operating	(13,688,739)	(21,989,705)	(19,489,705)	(19,527,578)	(17,821,117)	(17,711,921)
*Encumbrance Carryover	(1,133,487)		(1,116,319)			
*Reappropriations Carryover			(5,134,227)			
*Non-VoIP Reserve Expenditures				(2,456,327)	(3,000,000)	
*VoIP Reserve Expenditures <sup>5</sup>				(1,448,740)		
*VoIP 911 Excise Tax Expenditures <sup>5</sup>				(1,099,140)	(1,231,037)	(1,378,761)
<b>Total Expenditures</b>	<b>(14,822,226)</b>	<b>(21,989,705)</b>	<b>(25,740,251)</b>	<b>(24,531,785)</b>	<b>(22,052,154)</b>	<b>(19,090,682)</b>
<b>Estimated Underexpenditures</b>		-	-	-	-	-
<b>Other Fund Transactions</b>						
Total Other Fund Transactions	-	-	-	-	-	-
<b>Ending Fund Balance</b>	<b>19,073,206</b>	<b>7,626,040</b>	<b>11,074,895</b>	<b>4,662,079</b>	<b>1,328,865</b>	<b>1,747,236</b>
Reserves & Designations						
2008/2009 Encumbrance Carryover	(1,116,319)					
2008/2009 Reappropriations Ordinance	(5,134,227)					
Reserve/Designations-Land Line	(2,000,000)	(2,000,000)	(1,551,260)	(1,500,000)		
Reserve/Designations-Cellular	(3,456,327)	(3,145,011)	(2,456,327)	(1,500,000)		
Reserve/Designations-VoIP			(1,448,740)			
<b>Total Reserves &amp; Designations</b>	<b>(11,706,873)</b>	<b>(5,145,011)</b>	<b>(5,456,327)</b>	<b>(3,000,000)</b>	-	-
<b>Ending Undesignated Fund Balance</b>	<b>\$ 7,366,333</b>	<b>\$ 2,481,029</b>	<b>\$ 5,618,568</b>	<b>\$ 1,662,079</b>	<b>\$ 1,328,865</b>	<b>\$ 1,747,236</b>
<b>Target Fund Balance <sup>7</sup></b>	<b>\$ 1,368,874</b>	<b>\$ 2,198,971</b>	<b>\$ 1,948,971</b>	<b>\$ 1,952,758</b>	<b>\$ 1,782,112</b>	<b>\$ 1,771,192</b>

## Financial Plan Notes:

<sup>1</sup> 2008 Actuals are from the 14th Month ARMS/IBIS.

<sup>2</sup> 2009 Estimated is based on actuals to date.

<sup>3</sup> 2011 and 2012 Projected are based on an increase in salaries per current COLA assumptions, an increase in benefits of 10%, and a reduction in PSAP Revenue Distribution of 18% in 2011 and 27% in 2012.

<sup>4</sup> Telephone Excise Tax Revenue is projected to decrease by 8% per year, Cellular Excise Tax Revenue is projected to increase by 7%.

<sup>5</sup> One VoIP provider has preliminarily submitted access line revenues. 2010 expenditures and beyond incorporate the spending of these reserves as well as incoming VoIP revenue. This is contingent upon the passage of VoIP tax legislation in 2010.

<sup>6</sup> Investment Interest is calculated based on Interest Earnings Forecast Summary.

<sup>7</sup> Target fund balance is calculated at 10% of operating expenditures.

**2010 Proposed Budget for Radio Communication Services  
(800 MHz) 4501/0213**

Code	Item	Description	Expenditures	FTEs *	TLTs
<b>Program Area</b>					
<b>LSJ</b>					
		2009 Adopted	3,000,779	14.00	0.00
		Status Quo**	36,502	0.00	0.00
		<b>Status Quo Budget</b>	<b>3,037,281</b>	<b>14.00</b>	<b>0.00</b>
<b>Contra Add Back</b>			<b>0</b>		
<b>Operational Shutdown Savings</b>					
CR45		Operational Shutdown Savings Contra	(28,592)	0.00	0.00
			<b>(28,592)</b>	<b>0.00</b>	<b>0.00</b>
<b>Technical Adjustments</b>					
TA01		Services, Equipment, and Supply Account Reductions	(100,000)	0.00	0.00
TA02		IBEW Local 77 Labor Settlement	76,573	0.00	0.00
TA50		Revenue Adjustment	0	0.00	0.00
CR01		Flexible Benefits	(7,896)	0.00	0.00
CR05		General Fund Overhead Cost Allocation	(11,525)	0.00	0.00
CR07		Technology Services Operations & Maintenance Charge	(2,611)	0.00	0.00
CR08		Technology Services Infrastructure Charge	719	0.00	0.00
CR10		Office of Information Resource Mgmt Ops Charge/Rebate	(1,102)	0.00	0.00
CR11		Telecommunications Services	(6,436)	0.00	0.00
CR12		Telecommunications Overhead	(834)	0.00	0.00
CR13		Motor Pool Usage Charge	3,900	0.00	0.00
CR20		Prosecuting Attorney Civil Division Charge	11	0.00	0.00
CR22		Long Term Leases	(1,979)	0.00	0.00
CR25		Financial Services Charge	(38,797)	0.00	0.00
CR26		Retirement Rate Adjustment	(25,979)	0.00	0.00
CR27		Industrial Insurance Rate Adjustment	(634)	0.00	0.00
CR36		Property Services Lease Administration Fee	279	0.00	0.00
CR37		Facilities Management Strategic Initiative	74	0.00	0.00
CR39		COLA Adjustment	(525)	0.00	0.00
CR40		Merit Adjustment	(607)	0.00	0.00
CR46		Countywide Strategic Technology Projects	(2,351)	0.00	0.00
			<b>(119,720)</b>	<b>0.00</b>	<b>0.00</b>
<b>Total Change Items in 2010</b>			<b>(148,312)</b>	<b>0.00</b>	<b>0.00</b>
<b>2010 Proposed Budget</b>			<b>2,888,969</b>	<b>14.00</b>	<b>0.00</b>

\* FTEs do not include temporaries or overtime.

\*\* This includes 2009 adopted, initial status quo, and proposed status quo increments. Under FTEs, annualization is included.

\*\*\* Please see Budget Transparency Section table at the end of the program plan pages for section information as identified in the Budget Transparency Ordinance No. 16445.

**Radio Communication Services (800 MHz)**

## **Office of Information Resource Management Radio Communications**

The 2010 Executive Proposed Budget for OIRM - Radio Communications is \$2,888,969 and the staffing level remains at 14.00 FTEs.

### **Operational Shutdown Savings**

**Operational Shutdown Savings Contra – (\$28,592).** In the face of the severe fiscal challenges across all county funds, the 2010 Executive Proposed Budget includes savings assumptions in an effort to preserve direct services. For 2009, savings were achieved through the implementation of a ten-day building and/or operational closure program, resulting in labor furloughs. The 2010 budget is balanced across all funds assuming that a similar level of savings will be achieved in each agency based on the furlough eligible employees as was adopted for 2009, including 2009 County Council amendments. The specific details of the 2010 plan are still under development, and discussions with labor unions and individual agencies are on-going. Specific plans describing how the 2010 savings will be achieved will be transmitted to the County Council in the coming weeks. To the extent that savings, from labor or other expenses, cannot be fully achieved through temporary and short term building and/or operational closures, the plan will describe additional programmatic reductions and the elimination of additional positions.

### **Technical Adjustment**

**Service, Equipment, and Supply Account Reductions – (\$100,000).** Reductions to these account lines have been taken to align the budget with actual expenditures. These reductions will not impact RCS service.

**IBEW Local 77 Labor Settlement – \$76,573.** This proposal provides funding for range increases and a cost of living adjustment for Electronic Communications Technician I and II classifications. The three year contract is effective through December 31<sup>st</sup> 2010.

**Central Rate Adjustments – (\$96,293).** This series of adjustments captures the net effect of countywide charges and results in a \$96,293 reduction in charges to Radio Communications. These reductions reflect efficiencies created by Executive agencies to reduce the cost of services they provide to other county agencies. These changes reflect the County Executive's commitment to creating an efficient government and making administrative reductions before direct service reductions. The efforts of central rate agencies to reduce costs are integral to the County Executive's strategy to address the General Fund deficit, and benefit all county agencies.

### **Information Technology (IT) Capital Projects**

These IT projects are budgeted separately in Capital Fund 3473 and are included here to provide a full representation of budget changes related to OIRM - Radio Communications.

**OIRM Radio VHF/UHF Narrowbanding – \$524,623.** This project involves the reconfiguring or replacement of UHF/VHF radio equipment as required by federal law. The Federal Communications Commission (FCC) has mandated that all radio licensees in the VHF and UHF frequency spectrum reconfigure or replace radio equipment in order to optimize for spectral efficiency. This will be accomplished by reducing the allocated bandwidth of each usable channel to half its present size (thus, doubling the number of available channels in the spectrum). Subsequent to reconfiguration or replacement, re-licensing at the reduced channel bandwidths will be required. Compliance with this mandate is required by the end of 2012, at which time any equipment that is not reconfigured will be required to go off the air. King County has equipment in both the VHF and UHF spectrum. This equipment is used for life safety Search and Rescue

operations as well as other critical life safety operations, among other things, and is therefore essential to continued public safety within the county. The main users of this equipment are King County Sheriff's Office, Emergency Medical Services, and the Waste Treatment Division. This appropriation funds the identification of all VHF/UHF radios as well as reconfiguration or replacement as necessary by December 31, 2012.

**OIRM Radio Emergency Radio System Replacement – \$230,000.** This project provides for an assessment and proposal development for the replacement of the King County Emergency Radio System (ERS), its supporting infrastructure, and nearly all portable and mobile radios. The ERS is nearing the end of its useful life, which is projected for 2011-2013. The primary purpose of the system is to provide emergency radio communications services for all the police, fire, emergency medical services, public school districts, and public hospitals within King County. Since the ERS is a shared responsibility between the City of Seattle, King County, Valley Communications Center and the Eastside Public Safety Communications Agency, it will be important to start this assessment and develop a recommended proposal so that all four groups will be able to establish the necessary funds and resources needed to replace this system. This appropriation, supported by grant revenue, will fund engineering and consulting work being conducted under this project. Project costs in excess of the KC revenue and grant appropriations will be supplied by the contributions of regional partners per an interlocal agreement.

**OIRM Radio Enhancement – \$500,000.** This project will ensure that radio communications in the King County Correctional Facility will be meet business needs. The King County Sheriff's Office (SO), Department of Adult and Juvenile Detention (DAJD), and Facilities Management Division's Security Section (FMD) have for years experienced radio communication "dead spots" in numerous areas of County-owned buildings. Buildings which have "dead spot" problems include the King County Correctional Facility. Minor improvements involving equipment installations have occurred in the past few years, but have not solved the majority of the problems. Radio communications which become disrupted during emergency situations as a result of "dead spots" can present serious life-safety issues and the potential for real liability to the County. This appropriation will fund identification and implementation of a cost-effective solution to this critical need.

### Radio Communications Operations Fund / 4501

	2008 Actual <sup>1</sup>	2009 Adopted	2009 Estimated	2010 Proposed	2011 Projected <sup>5</sup>	2012 Projected <sup>5</sup>
<b>Beginning Fund Balance</b>	<b>5,266,986</b>	<b>6,319,799</b>	<b>6,049,766</b>	<b>6,488,531</b>	<b>7,108,544</b>	<b>7,817,424</b>
<b>Revenues</b>						
* Access Infrastructure Ops & Maint (44904 & 34281)	1,246,435	1,354,458	1,354,458	1,594,565	1,674,293	1,758,008
* Radio Services (44906 & 34283)	1,133,716	1,291,363	1,291,363	1,271,395	1,334,965	1,401,713
* Misc Revenue (48176 & 36250)	257,230	310,164	284,802	312,957	343,895	377,892
* Investment Earnings (36111)	125,689	167,632	167,632	75,659	75,659	75,659
* Rate Stabilization	344,739					
<b>Collections for Equipment Reserves:</b>						
* Radio Reserve (44905 & 34282)	449,216	300,137	300,137	211,071	211,071	211,071
<b>Total Revenues</b>	<b>3,557,026</b>	<b>3,423,754</b>	<b>3,398,392</b>	<b>3,465,647</b>	<b>3,639,883</b>	<b>3,824,343</b>
<b>Expenditures</b>						
* Operating Expenditures	(2,774,246)	(3,000,779)	(3,000,779)	(2,888,969)	(2,975,638)	(3,064,907)
* 2008 Budget Carryover			(3,918)			
<b>Total Expenditures</b>	<b>(2,774,246)</b>	<b>(3,000,779)</b>	<b>(3,004,697)</b>	<b>(2,888,969)</b>	<b>(2,975,638)</b>	<b>(3,064,907)</b>
<b>Estimated Underexpenditures<sup>2</sup></b>		45,012	45,070	43,335	44,635	45,974
<b>Other Fund Transactions</b>						
<b>Total Other Fund Transactions</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Ending Fund Balance</b>	<b>6,049,766</b>	<b>6,787,786</b>	<b>6,488,531</b>	<b>7,108,544</b>	<b>7,817,424</b>	<b>8,622,833</b>
<b>Less: Reserves &amp; Designations</b>						
* Radio Reserves	(5,653,715)	(6,106,290)	(6,102,931)	(6,403,068)	(6,614,139)	(6,825,210)
* Reserve for Encumbrance	(3,918)					
* Annual Contribution to Radio Reserve	(449,216)	(300,137)	(300,137)	(211,071)	(211,071)	(211,071)
* Compensated Absences <sup>3</sup>	(96,289)	(101,103)	(101,103)	(106,158)	(111,466)	(117,040)
* Rate stabilization	(344,739)					
* Reserve Deficit	844,892	94,841	390,738			
<b>Total Reserves &amp; Designations</b>	<b>(5,702,985)</b>	<b>(6,412,689)</b>	<b>(6,113,434)</b>	<b>(6,720,298)</b>	<b>(6,936,677)</b>	<b>(7,153,321)</b>
<b>Ending Undesignated Fund Balance</b>	<b>346,781</b>	<b>375,097</b>	<b>375,097</b>	<b>388,246</b>	<b>880,747</b>	<b>1,469,512</b>
<b>Target Fund Balance<sup>4</sup></b>	<b>346,781</b>	<b>375,097</b>	<b>375,097</b>	<b>361,121</b>	<b>371,955</b>	<b>383,113</b>

**Financial Plan Notes:**

<sup>1</sup> 2008 Actual is from the final 14th month report.

<sup>2</sup> Estimated Underexpenditures was assumed to be 1.5% of Operating Expenditures.

<sup>3</sup> Compensated Absences based on 2007 CAFR inflated 5% annually

<sup>4</sup> Target Fund Balance is equal to 1 1/2 months of Operating Expenses.

<sup>5</sup> 2011 & 2012 Projected are based on a relatively stable subscriber count with estimated 5% rate increase and 3% growth in Expenditures.